MK169344.1 Ramaria cystidiophora var. citronella (=cystidiophora) TYPE WA (+OR) (+MP 3956170)
DQ384590 Ramaria cystidiophora Van BCx2 (+WAx2 +N.BC) (UNITE unanimous) MO 338762
Ramaria cystidiophora WA iNat96372471
Ramaria cystidiophora OR (MP 6598939)
Ramaria cystidiophora iNat 30771210 WA (not yellow form)
Ramaria cystidiophora WA iNat30770558
KX574485.1 Ramaria synaptopoda TYPE WA
DQ365604.1 Ramaria synaptopoda 1/0 (as lorithamnus) WA OSC 111773
Ramaria PNW22 WA MP3956171 (as cystidiophora clamps 8-9x3-4u w/acanthodendro-gloeopleurous hyphae)
Ramaria PNW22a (differs in ITS2) Vanc Isl BC JMK96
JX310415.1 Ramaria aff stuntzii OR (4/3)
KX574478.1 Ramaria stuntzii TYPE WA (+OR BC)
KJ146725 Ramaria stuntzii Mary UBC
EU525993.1 Ramaria aff stuntzi (as subbotrytis) (4 in ITS1) OR
Ramaria leptoformosa TYPE WA
EU486433 Ramaria leptoformosa Mary UBC (+short MP6598922 SVMFA104 MP3956180 in README)
R. araiospora var. rubella WA and var. araiospora WA unanimous WA (+OR) iNat17350768
SVMFA105 Ramaria araiospora Vanc Isl BC
MK169346.1 Ramaria rasilisporoides TYPE OR
KP658131.1 Ramaria rasilisporoides OR (1/4)
KU574733.1 Ramaria rasilisporoides OR (2/3)
KX574462.1 Ramaria coulterae TYPE ID (+OR)
Ramaria coulterae WA iNat21197874 (0/0)
KY354737.1 Ramaria coulterae PNW26 6 ORx2 spring
Ramaria coulterae PNW26 6 OR iNat91987031 spring (yellow tips)
DQ365629.1 Ramaria PNW24 (as rasilispora) OR OSC 66757 (July 1 1998)
Ramaria PNW24 (as rasilispora) OR iNat91993704 1/0 (May spring)
DQ365619 Ramaria PNW25 (as flavigelatinosa var. carnisalmonea) OR OSC 111762 (May)
JX310420 Ramaria aff PNW25 OSC 112142 (5/0) (Apr)
KP658111.1 Ramaria amyloidea OR OSC 108398
EU697257.1 Ramaria amyloidea OR
EU697258.1 Ramaria amyloidea ORx3 (1 section differs)
KP658109.1 Ramaria amyloidea WA OSC 105662
KP658113.1 Ramaria amyloidea complex OR OSC 66912 (type WA)
KP658112.1 Ramaria amyloidea WA OSC 67066
KP658110.1 Ramaria amyloidea WA OSC 96109
JX310380.1 Ramaria amyloidea OSC 140663
EU525992.1 Ramaria PNW41 (as sandaracina) OR
DQ365626.1 Ramaria PNW21 (as flavobrunnescens) OR OSC 111769
KP658120.1 Ramaria PNW39 (as cyaneigranosa var elongata WA) OR OSC 105652
EU644711 R. PNW39 (asc cyaneigranosa var elongata WA) OR OSC 115617 (1/3)
MZ678237 Ramaria PNW15 WA (Oct as sp.)
Ramaria PNW15 WA iNat98176091 (as R. flavigelatinosa var megalospora type WA)
Ramaria PNW15 WA iNat14585914 (July as rasilispora gelatin not looked for)
EU652344 Ramaria PNW15 WA (Oct as largentii)
KY354759.1 Ramaria aff PNW15 (differs in ITS2) OR OSC 70050 (as thiersii)
EU669390.1 Ramaria PNW37 (as maculatipes) OR OSC 66884
KY986442 Ramaria PNW16 OR (as cartilaginea)
MF755270.1 Ramaria cf cauliflorifomis (ID Birkebak) TN (type MI)
MK169348.1 Ramaria sandaracina var. euosma TYPE WA (= R. gelatiniaurantia with clamps)
Ramaria gelatiniaurantia WA iNat140949653
Ramaria gelatiniaurantia var. violeitingens WA iNat63137869
R. gelatiniaurantia TYPE WA (+OR) KX574474 (LSU matches hilaris var olympiana TYPE WA)
KX574475.1 Ramaria gelatiniaurantia var. violeitingens (=gelatiniaurantia) TYPE WA
DQ365621 R. gelatiniaurantia 4/0 (as flavigelatinosa var megalospora WA) OR OSC 111765
DQ365622.1 Ramaria PNW38 OSC 111761 (not in OSC DB or SS)
Ramaria verlotensis TYPE WA KX574480
KY354746.1 Ramaria PNW40 (as hilaris var olympiana) (+112174)
EU697261 Ramaria PNW40 (as gelatiniaurantia var violeitingens) OR 2500 fall (dirty)
Ramaria PNW40 WA iNat62413690 Olympics fall
KF206334 Ramaria PNW40 (as conjunctipes var sparsiramosa) OR 2500 fall
EU697262 Ramaria PNW40 (as rubribrunnescens) OR 2000 fall (dirty)
EU837238 Ramaria PNW40 (as gelatiniaurantia) OR 3000 fall (dirty)
KC346861.1 Ramaria conjunctipes PNW33 OSC 110613
EU846301.1 Ramaria conjunctipes PNW33 (as var sparsiramosa) OR OSC 105346
EU846303.1 Ramaria aff conjunctipes PNW33 OR OSC 96955 (1.5 in ITS1)
KP658136.1 Ramaria conjunctipes PNW33 (as var sparsiramosa) OR OSC 105340
KY354742.1 Ramaria conjunctipes PNW32 (as var sparsiramosa) OSC 112175
KY510817.1 Ramaria conjunctipes PNW32 (as var sparsiramosa) WA (type WA)
DQ365625.1 Ramaria PNW34 Trappe26116 PNW
EU669378.1 Ramaria conjunctipes PNW31 PNW OSC 81495
EU846302.1 Ramaria conjunctipes PNW31 ORx2 (type var type NC)
KX574468.1 Ramaria conjunctipes var. tsugensis TYPE WA (+OR)
JX310395.1 Ramaria conjunctipes var tsugensis (2/1 as var sparsiramosa) OR OSC 134633
EU652351.1 Ramaria PNW19 (as rubribrunnescens) OR OSC 115516
EU697256.1 Ramaria PNW19 (as rubribrunnescens) OR OSC 115637
JX310407.1 Ramaria PNW19 OSC 140662
KP658141.1 Ramaria PNW20 ID
KX574476.1 Ramaria maculatipes TYPE WA
KP658127.1 Ramaria maculatipes ORx7 (0/3)
MK169352.1 Ramaria rubribrunnescens TYPE WA (+OR) (+WA MP3956186)
MP 3956186 Ramaria rubribrunnescens WA
EU837231.1 Ramaria aff rubribrunnescens 2 OR (95) (dirty)
KP658107.1 Ramaria aff rubribrunnescens 1 OR (95) (dirty)
KP658133.1 Ramaria vinosimaculans (2/3) OR
KX574488.1 Ramaria vinosimaculans TYPE WA (+OR)
Ramaria PNW18 (aff vinosimaculans 3) OR iNat91977498
EU669391.1 Ramaria PNW18 (as thiersii) OR OSC 69924
KX574484.1 Ramaria sandaracina var sandaracina (typica) TYPE WA
MK855479.1 Ramaria sandaracina complex OR (short 0/4 from AY102860)
KP658152.1 Ramaria sandaracina complex (as maculatipes) OR OSC 65722
Ramaria sandaracina complex WA iNat129060215
Ramaria sandaracina complex WA iNat32173346
AY102860.1 Ramaria sandaracina complex OR
KX574483.1 Ramaria sandaracina var. chondrobasis (98) TYPE WA (+BCx3)
Ramaria sandaracina var chondrobasis SSound WA (0/3) (iNat 17351203)
KC581318 Ramaria sandaracina complex BCx3
KY986438.1 Ramaria aureoprimulina np PNW30 ORx5 (very distant)
KY986437.1 Ramaria aureoprimulina np PNW30 OR RLE2004-65
AF377075.1 GAUTIERIA PNW01 (OUTGROUP)
KY354734 Ramaria PNW44 (as rubrievanescens) OR (+BC) (very distant) (type WA)
iNat17234752 Ramaria longispora WA
Ramaria longispora BC (+OR WA) (iNat 17353431) KP454024
Ramaria longispora WA iNat63913396 (type WA) 0/0 others (type WA)
Ramaria longispora OR (MP 6598805) + WA MP3956181
MO334281 Ramaria longispora SSound WA
KX574463.1 Ramaria spinulosa EU var. diminutiva TYPE CA
KY986441.1 Ramaria spinulosa var. diminutiva (=0/3) ORx2
Ramaria cf marrii Victoria BC Marty (type ID)
Ramaria cf marrii Victoria BC Marty (type ID) (6/0/4n)
MK680060.1 Ramaria cf spinulosa EU 2
MF288926.1 Ramaria cf spinulosa EU 1
AJ292293.1 Ramaria cf spinulosa EU 3
DQ365650.1 Ramaria rubiginosa PNW (dirty)
MK169347.1 Ramaria rubiginosa TYPE WA (+OR)
KP658108.1 Ramaria rubiginosa (as rubribrunnescens) OR OSC 104836
KX574472.1 Ramaria claviramulata (+ORx12)
JX310394.1 Ramaria cf celerivirescens OSC 144049
MP3954365 Ramaria claviramulata WA (=celerivirescens)
EU525991.1 Ramaria claviramulata OR OSC 1064080 (0/0)
MK169343.1 Ramaria celerivirescens 2 pages earlier TYPE WA (=claviramulata)
Ramaria celerivirescens OR MP 6598776
Ramaria celerivirescens WA iNat31245316
MP 3956164 Ramaria celerivirescens WA
KX574465 R. cyaneigranosa var. cyan TYPE WA (+WA MP3956157 +ORx5 some as var. persicina type WA)
MO 334825 Ramaria cyaneigranosa var cyan SSound WA
SVMFA187 Ramaria formosa PNW05 WNA Vict BC
Ramaria formosa PNW05 WA iNat63247559
DQ365612.1 Ramaria formosa PNW05 ORx3 (UNITE WNA consensus)
HM234140.1 Ramaria PNW05 soil PNW (dirty)
HM234138.1 Ramaria formosa PNW05 soil PNW
iNat18633090 Ramaria formosa PNW05 alleles WA
AJ408393.1 Ramaria formosa (UNITE EU consensus)
KY626155.1 Ramaria formosa EPITYPE EU
Ramaria PNW06 WA iNat94672941 (short ITS2 LSU 1 from formosa)
AY102857.1 Ramaria PNW43 (as acrisiccescens) OR OSC 87690 +87692 OR
Ramaria PNW43 iNat 30770951 WA
EU837201.1 Ramaria PNW43 ORx3
KP658145.1 Ramaria PNW43 (as gelatiniaurantia) OR OSC 73391
KC346862.1 Ramaria largentii OSC 143964 (type WA)
JX310400.1 Ramaria largentii OR OSC 134656
KP658130.1 Ramaria largentii WA OSC 67012
KP658125.1 Ramaria largentii OR OSC 115514
Ramaria PNW42 (as aurantiisiccescens) iNat 35173940 OR fall
KP658116.1 Ramaria aurantiisiccescens OSC 109235
EU669247.1 Ramaria aurantiisiccescens OSC 65703
KP658119.1 Ramaria aurantiisiccescens OSC 66859
EU837197.1 Ramaria aurantiisiccescens OSC 104868
MP3956160 WA Ramaria aurantiisiccescens
JX310388.1 Ramaria aurantiisiccescens OSC 130871
EU837199.1 Ramaria aurantiisiccescens OSC 66900
EU644709.1 Ramaria aurantiisiccescens OSC 115839
KP658104.1 Ramaria aurantiisiccescens (as araiospora) WA OSC 105640
KP658118.1 Ramaria aurantiisiccescens OSC 81452
KP658117 Ramaria aff aurantiisiccescens WA (differs in ITS2)
EU669245.1 Ramaria aurantiisiccescens OSC 115724
KY354739 Ramaria aurantiisiccescens WA
KP658121.1 Ramaria aurantiisiccescens OR OSC 97400
JX310390.1 Ramaria aurantiisiccescens OR OSC 140731
DQ365628.1 Ramaria aurantiisiccescens OSC 66882
Ramaria aurantiisiccescens iNat 31004545 WA (has variable ITS)
JX310389.1 Ramaria aurantiisiccescens OR (+too short WA iNat30934698)
KY354744.1 Ramaria aurantiisiccescens OSC 112055
EU837198.1 Ramaria aurantiisiccescens OSC 73218
ON479763.1 Ramaria aurantiisiccescens (has variable ITS) iNat62414929
KP658115.1 Ramaria aurantiisiccescens OSC 108992
DQ365646.1 Ramaria flavobrunnescens var. aromatica ORx3 (UNITE NA unanimous)
Ramaria cf flavobrunnescens var. aromatica WA iNat63604655
KF206335.1 Ramaria PNW23 OSC 144044 (73311 CA)
DQ365602.1 Ramaria magnipes PNW03 OR OSC 61837
Ramaria magnipes PNW03 WA iNat142036178
JX310403.1 Ramaria magnipes PNW03 OR OSC 134657
Ramaria magnipes ISOTYPE WA MK169351 (clean ITS4 AB1)
KX574464.1 Ramaria magnipes var. albidior TYPE CA
Ramaria magnipes var albidior WA iNat87664008
KP658139.1 Ramaria magnipes var albidior (3/0) OR OSC 115803
KX574477.1 Ramaria rasilispora var. scatesiana TYPE ID
Ramaria rasilispora (0/0-1 var scatesiana) OR iNat24969735
KT968608 Ramaria rasilispora OR MO 204771
KT968608.1 Ramaria rasilispora cf var rasilispora (1/2) OR
Ramaria rasilispora (2/2 var scatesiana) OR iNat24965454
KU574735.1 Ramaria rasilispora cf var rasilispora (type WA) (0/2 scatesiana) OR
KU574736.1 Ramaria rasilispora cf var rasilispora OR (2/3 var scatesciana type)
KX574469.1 Ramaria spinulosa f. fibulata TYPE TN (needs promotion)
Ramaria PNW29 iNat61785913 WA
KX574487.1 Ramaria velocimutans TYPE WA (+OR)
Ramaria velocimutans OR (MP 6598783)
Marty390B Ramaria PNW27 (clean AB1 but 5.8s doesn t match anything)
Marty391B Ramaria PNW27 Royal Roads Victoria BC mature Doug fir
KY354762.1 Ramaria PNW28 OSC 112027
KY354760.1 Ramaria PNW28 OSC 134778 (2/0)
KY354748 Ramaria rubricarnata OR (0/2)
Ramaria rubricarnata WA iNat82256995
Ramaria rubricarnata TYPE WA (investigate var. pallida CA var. verna CA/ID)
KP658143.1 Ramaria thiersii TYPE CA
Ramaria thiersii OR iNat91975328 (1/0 others)
DQ365601.1 Ramaria thiersii ORx3 (UNITE OR consensus)
Ramaria thiersii Victoria BC Marty JMK2022168R
KC581998 GEASTRUM CF CAMPESTRE (OUTGROUP)
Ramaria fumosiavellanea TYPE 1974 WA MK169345 (=acrisiccescens 1974 + dirty beg)
Ramaria acrisiccescens iNat 35173935 OR
Ramaria acrisiccescens WA iNat17234741
MP3956194 Ramaria acrisiccescens (as testaceoflava) alleles
Ramaria acrisiccescens WA iNat 17353377
Ramaria acrisiccescens WA iNat16202643
KY986440.1 Ramaria acrisiccescens OR Exeter (type WA)
Ramaria acrisiccescens OR KY354738
Ramaria cartilaginea OR (iNat 17450788)
DQ365606.1 Ramaria cartilaginea (as sandaracina) OR OSC 73499
KY986436.1 Ramaria cartilaginea (ID Marr) WA
KX574482 Ramaria gelatinosa var. oregonensis TYPE WA (type var nom ill ENA)
HM234141.1 Ramaria gelatinosa var oregonensis soil PNW
R. gelatinosa var oregonensis (promote type var EU illeg) OR (MP 6598775)
EF530925 Ramaria gelatinosa var. oregonensis BC
Ramaria gelatinosa var oregonensis OR iNat17258293
Ramaria gelatinosa var. oregonensis WA iNat 17234719
MP 3956177 Ramaria gelatinosa var. oregonensis WA
DQ365627.1 Ramaria gelatinosa var oregonensis OR OSC 108685
Ramaria fennica UNITE EUx2 (type EU) AJ408352
KX574481.1 Ramaria fennica var violaceibrunnea TYPE WA
Ramaria violaceibrunnea WA iNat66065595
DQ365652 Ramaria violaceibrunnea PNW
EU525994.1 Ramaria violaceibrunnea (dirty)
PHALLUS IMPUDICUS (OUTGROUP)
0.10